

DP-302554

## SNAP-IN BLOW MOTOR SPEED CONTROL WITH BREAKAWAY SERVICE FEATURE

### ABSTRACT OF THE DISCLOSURE

An electrical resistor assembly is affixed to a blower casing of a heating, venting, and air conditioning blower motor for resisting the flow of electricity to the blower motor from an electrical circuit. The assembly includes a heat dissipater for dissipating heat generated by electrical current flowing through the circuit. A connector connects the assembly to the electrical circuit. A housing contains the dissipater and the connector. The housing includes at least one catch for fixedly attaching the assembly to the casing and includes at least one break-away element for providing access to the catch. A seal circumscribes the housing including the break-away elements for providing a leak proof mating surface between the assembly and the casing.